

# Recovery Plan Action Status

Plan Name: Cumberland Pigtoe Mussel

Plan Status: Final

Plan Date: 13-Aug-92

Lead Agency: USFWS

Lead Office: Tennessee Ecological Services Field Office

(628-6481)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Cumberland pigtoe (Pleurobema gibberum)	1	1	Identify and eliminate threats	Not Started			The Nature Conservancy, U.S. Army Corps of Engineers, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , Tennessee Department of Conservation , USFWS Region 3, Fish and Wildlife Enhancement, USFWS Regional Office 4	Work type not yet selected	Labor type not yet selected	Task duration: 3 years to identify; unknown time to eliminate
Cumberland pigtoe (Pleurobema gibberum)	1	10	Monitor levels of pesticides	Not Started			The Nature Conservancy, U.S. Army Corps of Engineers, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , Tennessee Department of Conservation , USFWS Region 3, Fish and Wildlife Enhancement, USFWS Regional Office 4	Work type not yet selected	Labor type not yet selected	
Cumberland pigtoe (Pleurobema gibberum)	2	11	Meet with local governmental officials and business interests and elicit their support for recovery	Not Started			The Nature Conservancy, U.S. Army Corps of Engineers, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , Tennessee Department of Conservation , USFWS Region 3, Fish and Wildlife Enhancement, USFWS Regional Office 4	Other: Information and Education	Internal Field Assistance	

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Cumberland pigtoe (Pleurobema gibberum)	1	12	Develop information and education program and present	Not Started			The Nature Conservancy, U.S. Army Corps of Engineers, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , Tennessee Department of Conservation , USFWS Region 3, Fish and Wildlife Enhancement, USFWS Regional Office 4	Other: Information and Education	Internal Field Assistance	Task duration: 1 year to develop, then continuous
Cumberland pigtoe (Pleurobema gibberum)	2	13	consider use of land acquisition to protect the species	Ongoing Not Current	FY 2000 - FY 2004		The Nature Conservancy, U.S. Army Corps of Engineers, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , Tennessee Department of Conservation , USFWS Region 3, Fish and Wildlife Enhancement, USFWS Regional Office 4	Acquisition: Fee Title	Internal Field Assistance	
Cumberland pigtoe (Pleurobema gibberum)	1	14	Search for additional populations and suitable habitat	Complete	FY 2000 - FY 2004	FY 2005	The Nature Conservancy, U.S. Army Corps of Engineers, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , Tennessee Department of Conservation , USFWS Region 3, Fish and Wildlife Enhancement, USFWS Regional Office 4	Research: Habitat Status, Research: Population Surveys	Contract, Species Expert	

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Cumberland pigtoe (Pleurobema gibberum)	1	2	Conduct research necessary for species' protection, management, and recovery; i.e., habitat requirements, and biology	Ongoing Current	FY 1995 - FY 1999		The Nature Conservancy, U.S. Army Corps of Engineers, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , Tennessee Department of Conservation , USFWS Region 3, Fish and Wildlife Enhancement, USFWS Regional Office 4	Research: Habitat Requirements, Research: Management Techniques	Graduate Student	Since the 99-01 study, life history studies (2003), habitat studies (2002), and status/distribution studies (2005) have been done.
Cumberland pigtoe (Pleurobema gibberum)	2	3	Investigate interactions with non-native bivalves	Not Started			The Nature Conservancy, U.S. Army Corps of Engineers, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , Tennessee Department of Conservation , USFWS Region 3, Fish and Wildlife Enhancement, USFWS Regional Office 4	Work type not yet selected	Labor type not yet selected	
Cumberland pigtoe (Pleurobema gibberum)	3	4	Determine number of individuals required to maintain viable population	Not Started			The Nature Conservancy, U.S. Army Corps of Engineers, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , Tennessee Department of Conservation , USFWS Region 3, Fish and Wildlife Enhancement, USFWS Regional Office 4	Work type not yet selected	Labor type not yet selected	

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Cumberland pigtoe (Pleurobema gibberum)	1	5	Continue to utilize existing legislation and regulations to protect species and its habitat	Ongoing Current	Prior to FY 1995		The Nature Conservancy, U.S. Army Corps of Engineers, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , Tennessee Department of Conservation , USFWS Region 3, Fish and Wildlife Enhancement, USFWS Regional Office 4	Other: Regulations	Internal Field Assistance	
Cumberland pigtoe (Pleurobema gibberum)	1	6	Develop techniques, select sites, reintroduce the species back into historic habitat, augment populations, and protect any populations established	Not Started			The Nature Conservancy, U.S. Army Corps of Engineers, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , Tennessee Department of Conservation , USFWS Region 3, Fish and Wildlife Enhancement, USFWS Regional Office 4	Work type not yet selected	Labor type not yet selected	Task duration: 3 years (protection continues)
Cumberland pigtoe (Pleurobema gibberum)	1	7	Develop and implement cryopreservation	Not Started			The Nature Conservancy, U.S. Army Corps of Engineers, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , Tennessee Department of Conservation , USFWS Region 3, Fish and Wildlife Enhancement, USFWS Regional Office 4	Work type not yet selected	Labor type not yet selected	

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Cumberland pigtoe (Pleurobema gibberum)	2	8	Develop and implement a monitoring program	Not Started			The Nature Conservancy, U.S. Army Corps of Engineers, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , Tennessee Department of Conservation , USFWS Region 3, Fish and Wildlife Enhancement, USFWS Regional Office 4	Work type not yet selected	Labor type not yet selected	Biennial
Cumberland pigtoe (Pleurobema gibberum)	3	9	Annually assess recovery program and modify program and plan where required	Ongoing Current	Prior to FY 1995		The Nature Conservancy, U.S. Army Corps of Engineers, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , Tennessee Department of Conservation , USFWS Region 3, Fish and Wildlife Enhancement, USFWS Regional Office 4	Management: Planning	Internal Field Assistance	